

PATENT ABSTRACTS OF JAPAN

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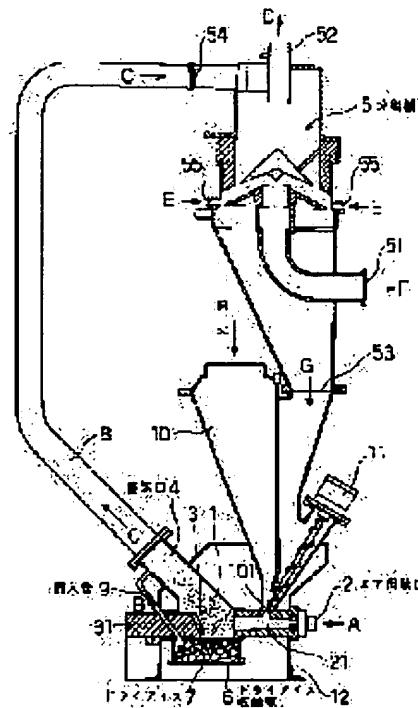
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(54) JET MILL

(57)Abstract:

PURPOSE: To improve the pulverizing efficiency of a raw material and to improve the classifying performance after pulverizing the raw material.

CONSTITUTION: This jet mill is equipped with a pulverizing chamber 1 for pulverizing the raw material, an air feeding port 2 for blowing jet air in the pulverizing chamber 1, a collision plate 3 provided in the pulverizing chamber 1 for making the raw material fed from a raw material hopper 10 collided on it by air, an exhaust port 4 for discharging the blown-in jet air together with the fed raw material, a dry ice housing chamber 6 installed in the lower part of the pulverizing chamber 1 for housing dry ice 7 for cooling the impingement plate 3 and a mixing pipe 9 for mixing the gas generated by the sublimation of the dry ice 7 in the exhaust port 4.



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